

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Michael Barrow

Application No: 09/274,430

Filed: March 22, 1999

For: PERIMETER MATRIX BALL
GRID ARRAY CIRCUIT
PACKAGE WITH A
POPULATED CENTER

Examiner:

Art Unit: 2814

#7/Prel Amalc
R. Tyson
12/8/00

FAX COPY RECEIVED

DEC - 7 2000

TECHNOLOGY CENTER 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

*Please see only
2/9/00*

SUPPLEMENTARY PRELIMINARY AMENDMENT

Sir:

Applicant would like to have entered this Supplementary Preliminary
Amendment prior to Examination of the above referenced case:

IN THE CLAIMS

Please add claims 45-51 as follows:

*29
45*

(New) A ball grid array package, comprising:

a substrate which has a top surface and an exposed external bottom
surface, said external bottom surface having ^(a) plurality of contact pads, said
plurality of contact pads consisting only of:

C1

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